



 **BOSS®**

 **BOSS**

Feel the Energy.

Professional Multi-Effects for Guitar and Bass

GT-6 GUITAR EFFECTS PROCESSOR COSM

Flexible COSM Preamps, Overdrive/Distortion Modeling and More

The GT-6 Guitar Effects Processor is the culmination of over 25 years of BOSS effects know-how. This floor-based multi-effects processor starts with 30 incredible-sounding COSM amp models — from vintage classics to modern screamers — then adds new COSM Distortion/Overdrive Pedal Modeling and COSM Wah Modeling for those classic and modern pedal sounds.

With 340 programs, the GT-6 delivers more of the effects guitarists are looking for — like chorus, delay, reverb, phasing, flanging, tremolo, pitch shifting, Slicer, Acoustic Simulator, and more — plus new “Uni-V” and “De-Fretter” effects for phase shifting vibrato effects and fretless sounds. New EZ Tone and Customize features make dialing in tones easy using the knobs — just like compact pedals! And while it looks good on stage, the GT-6 also shines in the studio with 24-bit processing and a S/PDIF digital output.



EFFECT LIST		
FX-1	Compressor	Vibrato
	Limiter	Uni-V
	AC Guitar Sim	Short Delay
	Pickup Sim	Humanizer
	Tremolo	Ring Mod
FX-2	Slow Gear	Slicer
	Feedbacker	Auto Riff
	Anti-Feedback	Guitar Synth
	Defretter	Sub Equalizer
		Pedal Bend
WAH		DELAY
OD/DS		CHORUS
		REVERB

COSM PREAMP TYPE			
JC CLEAN	VO COMBO	MS STACK	METAL
JC120	VO Drive	MS1959(I)	5150 Drive
Jazz Combo	VO Lead	MS1959(II+I)	Metal Stack
Full Range	VO Clean	MS HIGain	Metal Lead
TW CLEAN	MATCH DRV	R-FIER	
Clean TWIN	MATCH Drive	R-Fier RED	
Pra Crunch	MATCH Lead	R-FierOrang	
Tweed	Fat MATCH	R-FierVint	
CRUNCH	BG LEAD	HI GAIN	
Crunch	BG Lead	SLDN	
Blues	BG Drive	Drive Stack	
Stack Crunch	BG Rhythm	Lead Stack	

COSM OD/DS TYPE		
OD/BOOST	CLASSIC	METAL
Blues OD	OD-1	Metal Zone
Turbo OD	T-Scream	R-MAN
Booster	GST +	Heavy Metal
DIST	FUZZ	
Distortion	80s Fuzz	
American DS	Oct Fuzz	
GUV DS	MUFF Fuzz	

COSM WAH TYPE				
CRY WAH	VO WAH	Fat WAH	Light WAH	7String WAH



EFFECT LIST		
COMP/LIMITER	WAH	Harmonist
	Pedal Wah	Pitch Shifter
	Touch Wah	Pedal Bend
OD/DIST	Auto Wah	2x2 Chorus
		Auto Slap
		Short Delay
CHORUS	FX-1	Vibrato
	Octave	Humanizer
	Enhancer	Tremolo/Pan
REV/DLY	Slow Gear	Bass Synth
	Defretter	
	Ring Modulator	
PREAMP/SPEAKER	FX-2	NOISE SUPPRESSOR
	Phaser	MASTER
	Flanger	FOOT VOLUME

COSM OD/DS TYPE		
Blues OD	Distortion	'60s Fuzz
Turbo OD	GUV DS	Oct Fuzz
Bass OD	Metal Zone	MUFF Fuzz

COSM COMP/LIMITER TYPE		COSM SPEAKER TYPE	
BOSS COMP	RACK 160D	1 x 15"	4 x 10"
D-COMP	VTG RACK U	1 x 18"	8 x 10"
		2 x 15"	

COSM PREAMP TYPE	
FLIP TOP	T.E.
B MAN	SESSION
BASS 360	CONCERT 810

COSM WAH TYPE	
CRY WAH	
VO WAH	
Bass WAH	

Complete When it comes to multi-effects, BOSS offers complete floor-based solutions for bass and guitar players alike.

The Ultimate Bass Processor — Powered by COSM

As BOSS's first bass multi-effects processor in over five years, you know the GT-6B is something special. This 24-bit floor-based unit gives bassists access to Roland's COSM® Modeling, specially tuned for bass! You get models of six classic bass amps like “Concert 810,” “Session,” “T.E.,” “Bass 360,” “B Man,” and “Flip Top” — plus speaker cabinets including “8 x 10,” “4 x 10,” “2 x 15,” and more.

And the effects? Only the best BOSS has to offer, from standards like reverb, chorus, delay, and flanger to exclusive COSM Overdrive/Distortion Modeling, Wah Modeling, and new COSM Compression. There's even a S/PDIF digital output and Analog Bypass function for pure, unaltered tone. And with cool performance features like Auto Slap and sound-on-sound looping — plus fat synth bass sounds with lightning-fast tracking — the GT-6B blows away the competition.

GT-6B BASS EFFECTS PROCESSOR COSM

■ GT-6B Specifications

- AD Conversion 24-bit • AF method* • DA Conversion 24-bit • Sampling Frequency 44.1 kHz • Program Memories 120: 80 (User) • 40 (Preset)
- Nominal Input Level INPUT: -10 dBu • Input Impedance INPUT: 1 MΩ • Nominal Output Level OUTPUT: -10 dBu (1/4" jack, AT OUTPUT LEVEL marking position) OUTPUT: -10 dBu (XLR jack, 600 Ω load) • Output Impedance OUTPUT: 2 kΩ (Phone jack) OUTPUT: 600 kΩ (XLR jack, HOT-COLD) 300 kΩ (HOT-GND, COLD-GND) • Display 16 characters, 2 lines (backlit LCD) / 2 characters, 7 segment LED • Power Supply AC 14 V: Supplied AC adaptor (BRC Series) • Current Draw 800 mA • Dimensions 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") • Weight 4.7 kg/10 lbs 6 oz. (excl. AC Adaptor) • Accessory AC Adaptor (BRC Series)
- * AF Method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

■ GT-6B Rear Panel



■ GT-6 Specifications

- AD Conversion 24-bit • AF Method • DA Conversion 24-bit • Sampling Frequency 44.1 kHz • Program Memories 340: 140 (User) • 200 (Preset)
- Nominal Input Level INPUT: -10 dBu, RETURN: -10 dBu • Input Impedance INPUT: 1 MΩ, RETURN: 220 kΩ • Nominal Output Level OUTPUT: 0 dBu, SEND: -10 dBu • Output Impedance OUTPUT: 2 kΩ, SEND: 2 kΩ • Display 16 characters, 2 lines (backlit LCD) / 2 characters, 7 segment LED
- Power Supply AC 14 V: Supplied AC Adaptor (BRC Series) • Current Draw 800 mA • Dimensions 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") • Weight 4.7 kg/10 lbs 6 oz. (excl. AC Adaptor) • Accessory AC Adaptor (BRC Series)

■ GT-6 Rear Panel



Powerful Multi-Effects with Stompbox Simplicity

Value

Whether it's guitar effects, digital recorders or drum machines, BOSS has a history of giving musicians more for their money.



ME-50 GUITAR MULTIPLE EFFECTS

Killer Tone is Just a Stomp Away...

The ME-50 Guitar Multiple Effects gives guitarists easy access to killer BOSS multi-effects like delay, modulation and reverb — plus incredible-sounding COSM® overdrive and distortion — without all the menu-surfing. Each effect section is clearly laid out with three footswitches and knobs for intuitive editing. Other effects include essentials like analog delay, flanger, phaser, tremolo, Harmonist, Uni-V, and Rotary.

The rugged ME-50 offers easy tonal shaping via its Tone Modify function; select from Preset EQ settings like "Fat," "Presence," and "Acoustic" to change your overall tone. And with dedicated compressor and noise suppressor algorithms, you always have access to these essential effects. Other conveniences include a chromatic tuner with mute function, 30 User memory locations for storing your settings and the ability to use battery or AC power. No other multi-effect processor can match the ME-50's quality and ease of use.

- Overdrive / Distortion Type: • OD-1 • Natural • OD-2 • Crunch • BD-2 • Lead • DS-1 • Loud • MT-2 • Metal • Scream • Modern OD • DST+ • Stack • GUV • Hi Gain • RAT • Modern DS • Muff • Square • FACE • Oct Fuzz
- Effects: • Tone Modify • Compressor • Chorus • Phaser • Flanger • Harmonist • Tremolo • Pan • Vibrato • Uni-V • Rotary • Delay • Reverb • Noise Suppressor
- Effects for Expression Pedal: • Foot Volume • Wah • Resonance • Voice • Ring Modulator • Bend (+1 Octave, -1 Octave)

■ ME-50 Specifications
• AD Conversion 24-bit • AF method* • DA Conversion 24-bit • Sampling Frequency 44.1 kHz • Patches 30 (User) • Nominal Input Level INPUT: -10 dBu, AUX IN: -10 dBu
• Input Impedance INPUT: 1 MΩ, AUX IN: 100 kΩ • Output Impedance 2 kΩ • Display 1 character, 7 segment LED • Power Supply DC 9 V: Dry Batteries (R6 / LR6 (AA) type) x 6, AC Adaptor (PSA Series; Optional) • Current Draw 120 mA * Expected battery life under continuous use: [Carbon: 3.5 hours], [Alkaline: 12 hours]
* These figures will vary depending on the actual conditions of use. • Dimensions 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") • Weight 3.15 kg/7 lbs (incl. batteries)
• Accessory Dry Batteries (Alkaline: LR6 (AA) type) x 6 • Options AC Adaptor (PSA Series), Footswitch (FS-5U)
* AF Method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

ME-50 Rear Panel



Warm, Tube Drive Sounds

Uses BOSS's asymmetric overdrive circuitry for warm, smooth overdrive sounds that respond to your picking style just like a tube amp. Includes a Tone control to dial in just the right sound.

- Controls LEVEL, TONE, DRIVE
- Current Draw 4 mA (DC 9 V)

SD-1

SUPER OverDrive



Distortion and Overdrive Together At Last!

A flexible pedal capable of producing overdrive, distortion, or a combination of both. Get "in your face" distortion while maintaining the subtle nuances of single-coil guitar pickups.

- Controls LEVEL, TONE, DRIVE, COLOR Knob (OD, DS) • Current Draw 12 mA (DC 9 V)

OS-2

OverDrive / Distortion



Nu-School Distortion with Massive Low End

This pedal's dual Distortion and Gain Boost circuits take thick, heavy distortion sounds to a whole new level. Special Gain Boost and Bottom controls let you shape your tone for maximum volume and low-end punch.

- Controls LEVEL, TONE, BOTTOM, DIST, GAIN BOOST • Current Draw 18 mA (DC 9 V)

MD-2

Mega Distortion



Natural Overdrive with Endless Sustain!

Classic BOSS overdrive, based on a dual-stage design for bigger, fuller sounds. Variable Drive and Tone controls create overdriven sounds from mild to extreme with almost endless sustain.

- Controls LEVEL, TONE, DRIVE
- Current Draw 9 mA (DC 9 V)

OD-3

OverDrive



Used by Pros Everywhere

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics. A Tone control is provided for easy sound shaping.

- Controls TONE, LEVEL, DIST
- Current Draw 4 mA (DC 9 V)

DS-1

Distortion



The Perfect Distortion for Blues

Get the tone of a bluesy, vintage tube amp in a compact pedal capable of anything from warm overdriven sounds to full-on distortion. Leaves the subtle nuances of your playing intact.

- Controls LEVEL, TONE, GAIN
- Current Draw 13 mA (DC 9 V)

BD-2

Blues Driver®



Two Distortions for the Price of One

Features twin modes for an expanded range of distortion — taking you from blues-rock rhythms to searing leads at the press of a pedal or twist of a knob.

- Controls LEVEL, TONE, DIST, TURBO (1, 2 (REMOTE)) • Current Draw 12 mA (DC 9 V)

DS-2

TURBO Distortion



BOSS's Most Popular Pedal!

Features dual-gain circuitry for thick, tube stack distortion with heavy mids and lows and long-lasting sustain. A 3-band EQ with semi-parametric mids takes your sound to the extreme.

- Controls LEVEL, EQ (HIGH, LOW, MIDDLE, MID FREQ), DIST
- Current Draw 20 mA (DC 9 V)

MT-2

Metal Zone®



Legendary

From the best-selling MT-2 Metal Zone to the HUGE-sounding MD-2, BOSS overdrive/distortion pedals are found in more pedalboards than any other.



Improves Your Overall Tone

Compresses louder signals while boosting lower signals for smooth sustain without degrading the original sound quality. Onboard EQ for precise tonal control and low-noise design for super-quiet operation.

- Controls LEVEL, TONE, ATTACK, SUSTAIN
- Current Draw 11 mA (DC 9 V)

CS-3 *For Guitar/Bass*
Compression Sustainer



Powerful 7-Band EQ!

Shape your sound and eliminate feedback with seven bands of equalization. Includes frequencies ranging from 100Hz to 6.4kHz with a powerful 15dB boost/cut per band.

- Controls Equalizer Control Sliders (100 Hz, 200 Hz, 400 Hz, 800 Hz, 1.6 kHz, 3.2 kHz, 6.4 kHz), LEVEL
- Current Draw 10 mA (DC 9 V)

GE-7
Equalizer



Impressive Acoustic Sounds!

Turn your electric guitar into an acoustic using four distinct modes: Standard, Jumbo, Enhance, and Piezo. Two individual outputs permit instant switching between different amps (one for electric sounds; one of acoustic).

- Controls LEVEL, BODY, TOP, MODE (PIEZO/ENHANCE/JUMBO/STANDARD)
- Current Draw 18 mA (DC 9 V)

AC-2
Acoustic Simulator



The Original Chorus

Produces everything from mild, natural chorusing to the penetrating stereo chorus popular in contemporary music. Covers a wide frequency range and includes both high- and low-cut filters.

- Controls E.LEVEL, RATE, DEPTH, FILTER Knobs (HIGH, LOW)
- Current Draw 22 mA (DC 9 V)

CE-5
Chorus Ensemble



A Unique Stereo Chorus

Delivers a clean chorus sound with crystal-clear highs and a unique stereo effect, variable between the left and right speakers. An EQ function adjusts the tonality of the chorus sound.

- Controls E.LEVEL, EQ, RATE, DEPTH
- Current Draw 15 mA (DC 9 V)

CH-1
SUPER Chorus



Unbelievable “Talking” Wah Effects!

The world's first compact pedal to produce human-voice type wah sounds using a “Humanizer” effect. EXP Pedal mode allows foot control, plus dedicated Bass input for processing bass guitar.

- Controls DECAY, MANUAL/VOWEL 2, SENS/VOWEL 1, MODE
- Current Draw 50 mA (DC 9 V)

AW-3 *For Guitar/Bass*
Dynamic Wah



The Ultimate Octave Pedal

The OC-3 SUPER Octave puts new polyphonic octave effects, a Drive mode with distortion, and the original OC-2 effect in one convenient pedal that's ideal for bass, too.

- Controls DIRECT, OCT 1, CONTROL, MODE (POLY/RANGE/OCT 2/DRIVE)
- Current Draw 50 mA (DC 9 V)

OC-3 *For Guitar/Bass*
SUPER Octave



Classic Tremolo Sounds!

Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO). LFO waveform variable from triangle to square for producing a variety of classic tones.

- Controls RATE, WAVE, DEPTH
- Current Draw 20 mA (DC 9 V)

TR-2
Tremolo



The Flanger Gets a Face-Lift

The thickest stereo flanging sounds ever in a BOSS pedal. Ultra mode produces BOSS's deepest flanging sounds ever, while Gate/Pan creates spacious flanging with a cool Slicer effect that seems to “swirl” around the listener.

- Controls RES, MANUAL, DEPTH, RATE, MODE (ULTRA, STANDARD, GATE/PAN, MOMENTARY)
- Current Draw 40 mA (DC 9 V)

BF-3 *For Guitar/Bass*
Flanger



Modern Phasing with Tap Tempo Sync

Vintage BOSS phasing effects including 4-, 8-, 10-, and 12-stage phasers, plus new “Rise” and “Fall” effects for unidirectional phasing. Tap tempo sync or realtime control of rate via an Expression/Pedal input.

- Controls RATE, DEPTH, RES (resonance), STAGE (STEP/RISE/FALL/12/10/8/4)
- Current Draw 50 mA (DC 9 V)

PH-3 *For Guitar/Bass*
Phase Shifter



Pro-Quality Delay in a Compact Pedal

A powerful delay pedal with three distinct modes. A variable Delay Time control creates delays from 12.5ms to 800ms, while a Hold function is capable of producing repeats from here to infinity.

- Controls E.LEVEL, FBACK, D.TIME, MODE (HOLD/L 800ms/M 200ms/S 50ms)
- Current Draw 45 to 65 mA (DC 9 V)

DD-3 *For Guitar/Bass*
Digital Delay



Up to 5,200ms of Delay!

The DD-6 Digital Delay is BOSS's flagship compact delay pedal — with up to 5,200ms of delay, sound-on-sound recording, tap tempo, plus unique Reverse and Warp effects.

- Controls E.LEVEL, FBACK, D.TIME, MODE (2600ms/800ms/300ms/80ms/REVERSE/HOLD (5.2s)/WARP)
- Current Draw 55 mA (DC 9 V)

DD-6 *For Guitar/Bass*
Digital Delay



Pitch Shifting and Beyond

Combines intelligent pitch shifting (+/-2 octaves) and harmonist functions with new Tremolo Arm/Flutter effects. Tremolo Arm bends notes to a pre-selected value while Flutter simulates the slapping of a tremolo bar.

- Controls BALANCE, D.TIME/SPEED, H.R. KEY, PITCH, MODE (PITCH SHIFTER/HARMONIST/DETUNE/T.ARM/FLUTTER)
- Current Draw 50 mA (max.) (DC 9 V)

PS-5
SUPER Shifter



Pro-Quality Reverb — In Stereo

The RV-5 Digital Reverb gives you six of BOSS's best reverbs — including spring reverb emulation, gate reverb, and an all-new “Modulate” mode — in a true stereo pedal.

- Controls E.LEVEL, TONE, TIME, MODE (SPRING/PLATE/HALL/ROOM/GATE MODULATE)
- Current Draw 50 mA (DC 9 V)

RV-5 *For Guitar/Bass*
Digital Reverb



A “Must-Have” Pedal!

Eliminate unwanted noise and hum without altering your tone. A unique noise detection circuit preserves the natural attack and envelope, leaving your playing and dynamics intact.

- Controls THRESHOLD, DECAY, MODE (MUTE/REDUCTION)
- Current Draw 20 mA (DC 9 V)

NS-2
Noise Suppressor



Simplifies Your Setup

The easy way to switch settings among several effects or amplifiers, or route input and output signals. When used with an AC adaptor, the LS-2 can supply power to several BOSS compact pedals.

- Controls MODE, LEVEL (A, B)
- Current Draw 25 mA (DC 9 V)

LS-2
Line Selector

A Pedal for Every Occasion

Inspiring

With so many pedals to choose from, all it takes is a quick stomp to get fresh, inspiring tones.

Genuine BOSS Effects for Bass



ME-50B BASS MULTIPLE EFFECTS

Killer Tone Meets Ease of Use

Get world-class bass effects in a rugged floor unit. Forget about menus and cursor buttons. Just reach down and twist a knob! The compressor/limiter employs COSM® modeling, and the 3-band EQ offers sweepable mids. Tap into the ME-50B's unique effects, such as Sound Hold, Octave Up, Slow Gear, T-Wah, and Defretter, which give bassists a range of unique and powerful tones, all with easy knob-based control. The ME-50B even offers sound-on-sound recording — complete with a cool Kick Drum effect for tapping in the beat.

- ME-50B Specifications
- AD Conversion 24 bit + AF method
- DA Conversion 24 bit
- Sampling Frequency 44.1 kHz
- Patches 24 (user)
- Nominal Input Level INPUT: -10 dBu, AUX IN: -10 dBu
- Input Impedance INPUT: 1 MΩ, AUX IN: 100 kΩ
- Nominal Output Level -10 dBu
- Output Impedance 2 kΩ
- Display 1 character, 7 segments LED
- Power Supply DC 9 V: Dry Batteries (R6/LR6 (AA) type) x 6, AC Adaptor (PSA series: Optional)
- Current Draw 140 mA
- Dimensions 384 (W) x 225 (D) x 78 (H) mm (15-1/8" x 8-7/8" x 3-1/8")
- Weight 3.15 kg/7 lbs (including batteries)
- Accessories Dry Batteries (Alkaline: LR6 (AA) type) x 6
- Options AC Adaptor (PSA series), Footswitch (FS-5U)

* 0 dBu = 0.775 Vrms

* AF method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

Foundation

Anchor your music with solid, high-impact effects that are custom-tailored for the low end.

- COMPRESSOR/LIMITER
 - NATURAL
 - LIMITER
 - 1600 SOFT
 - 1600 HARD
 - D-COMP
- MASTER EQ
 - LOW
 - MID
 - MID FREQ
 - HIGH
- FILTER/TONE
 - T.WAH UP
 - T.WAH DOWN
 - T.WAH EDGE
 - OCTAVE UP
 - OCTAVE DOWN
 - SLOW GEAR
 - DEFRETTER
 - ENHANCER
 - BOTTOM BOOST
 - MID SHAPE
 - HOLLOW
- DRIVE
 - NATURAL
 - BASS DRIVER
 - OVER DRIVE
 - DISTORTION
 - MUFF FUZZ
 - METAL
 - HI-BAND DRIVE
- SYNTH
 - SAW LEAD
 - MILD FILTER
 - DEEP FILTER
 - SQUARE
- DELAY/MODULATION
 - TAP DLY
 - HOLD DLY
 - ANAL DLY
 - 0-400 ms DLY
 - 300-1400 ms DLY
 - PHASER
 - FLANGER
 - CHORUS
 - CHO-DELAY
 - CHO-REVERB
 - REVERB
- PEDAL
 - FOOT VOLUME
 - WAH
 - RESONANCE
 - +1 OCTAVE
 - 1 OCTAVE
 - SOUND HOLD
 - KICK DRUM

ME-50B Rear Panel



Crunchy Overdrive Effects for Bass

An overdrive effect designed to cover the entire frequency range of bass guitars, including 5-string basses. Overdriven sounds can be blended with dry bass signal for maximum clarity and punch.

- Controls LEVEL, HIGH EQ, LOW EQ, BALANCE, GAIN
- Current Draw 15 mA (DC 9 V)

ODB-3 Bass OverDrive



A Chorus Pedal with Built-in Crossover

A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows. A space synthesis effect guarantees a natural and spacious chorus effect.

- Controls E.LEVEL, LOW FILTER, RATE, DEPTH
- Current Draw 22 mA (DC 9 V)

CEB-3 Bass Chorus



Precise Tonal Control

With a frequency range from 50Hz to 10kHz, the GEB-7 is ideal for any bass guitar, including 5-string basses. Seven bands of EQ are available, affording greater control over the crucial midrange.

- Controls Equalizer Control Knobs (50 Hz, 120 Hz, 400 Hz, 500 Hz, 800 Hz, 4.5 kHz, 10 kHz), LEVEL
- Current Draw 16 mA (DC 9 V)

GEB-7 Bass Equalizer



Smooth Tone, Every Time

Smooths out your playing by eliminating harsh volume peaks, even when using dynamic slap and pop techniques. Ratio and Threshold knobs allow precise control of limiting parameters.

- Controls LEVEL, ENHANCE, RATIO, THRESHOLD
- Current Draw 17 mA (DC 9 V)

LMB-3 Bass Limiter Enhancer



Synth Power Under Your Foot

Utilizing the latest in DSP technology, the SYB-5 faithfully reproduces the classic sound characteristics of analog synthesizers. The 11 internal sounds are supercharged for thick, aggressive tone.

- Controls EFFECT, DIRECT, FREQ, RES, DECAY/RATE, MODE
- Current Draw 50 mA (DC 9 V)

SYB-5 Bass Synthesizer

- Compact Pedal Effects Specifications
- Dimensions 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8")
- Weight (depending on the model) 400 to 450 g/15 oz. to 1 lb.
- Accessory Dry Battery
- Option AC Adaptor

Reliable Tuning for Any Instrument

Proven

BOSS Tuners have earned a reputation for being both reliable and accurate. Whether you play guitar, bass, or French horn, there's a BOSS tuner for you.



TU-5 CHROMATIC TUNER

The Only Tuner with Accu-Pitch™

The TU-5 is BOSS's ultimate tuner, offering renowned needle-point accuracy, backlit design, flat tuning and a host of "world's first" features not found in any other tuner — including new Accu-Pitch and Octave Adjust functions.

- Reference Pitch A4 = 430 to 449 Hz (1 Hz steps)
- Tuning Range E0 to C8
- Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-12 CHROMATIC TUNER

The Industry Standard

The worldwide standard used by top musicians everywhere, thanks to extremely accurate, easy-to-use tuning.

- Reference Pitch 440 to 445 Hz (1 Hz steps)
- Tuning Range C1 to B5
- Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-12H CHROMATIC TUNER

Great for Woodwinds and Brass!

Offers an extended tuning range of C1 to B6 for tuning a variety of instruments including guitar, bass, woodwind, brass, and ethnic instruments.

- Reference Pitch 440 to 445 Hz (1 Hz steps)
- Tuning Range C1 to B6
- Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



Convenient Pedal-Based Tuning

Legendary BOSS tuning in a convenient, easy-to-use compact pedal design. A 7-segment LED and 11-point Stream Meter ensure accurate tuning, even in low-light settings or under bright stage lights.

- Reference Pitch A4 = 438 to 445 Hz (1 Hz steps)
- Tuning Range C0 to C8
- Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)

TU-2 Chromatic Tuner



TU-8 Guitar & Bass Auto Tuner

Tune Any Guitar!

Accommodates the widest range of instrument tunings — from guitar to six-string bass — plus flat, double-flat, and open D, E, G and A tunings.

- Reference Pitch A4 = 438 to 445 Hz (1 Hz steps)
- Tuning Range A0 to C8
- Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-80 TUNER & METRONOME

Stay In Tune — and In Time

This affordable tuner boasts super-accurate LCD tuning, reference tone, Accu-Pitch, and metronome function.

- Reference Pitch A4 = 435 Hz to 446 Hz (1 Hz steps)
- Tuning Range E0 to C8
- Power Supply Dry Battery <LR6 (AA) type> x 2



TU-6 GUITAR TUNER

Affordable BOSS Tuning

A compact, affordably priced tuner with Mode selector for tuning guitar or bass, plus a high-sensitivity mic for tuning acoustic instruments.

- Tuning Range Guitar = 1E, 2B, 3G, 4D, 5A, 6E, Bass = 1G, 2D, 3A, 4E
- Power Supply Dry Battery (9 V type)



BOSS Re-Invents the Compact Pedal

Ultimate

With the Twin Pedal Series, BOSS takes its compact pedal design to all-new levels, giving guitarists the absolute finest effects ever made.



22 Overdrive/Distortion Pedals Right Beneath Your Feet!

The OD-20 Drive Zone uses advanced COSM® technology to model the sound of classic overdrive/distortion pedals, as well as creating new sounds of its own. There are 22 models to choose from, plus new “Attack Shape” and “Heavy Octave” parameters for dialing in subtle nuances or extreme tones. Four User memories store your settings, while an Amp Control jack lets you switch amp channels remotely.

DRIVE ZONE

OD-20

OVERDRIVE/DISTORTION

COSM

■ OD-20 ORIGINAL DISTORTION/BOOSTER

Type	Features
LEAD	OD-20 original distortion. Produces a distortion sound with both the smoothness of an overdrive along with a distortion's depth.
STACK	OD-20 original distortion. A fat sound with an added element of a stack amp's distortion.
LOUD	OD-20 original distortion. A heavy distortion with a boosted low end.
BOOST	OD-20 original booster.
CRUNCH	OD-20 original distortion. A big crunch sound with an added element of amp distortion.
METAL	OD-20 original distortion. An intense, radical distortion sound.



BOSS's Ultimate Chorus Pedal

The CE-20 Chorus Ensemble is the culmination of over 25 years of BOSS chorus experience. This programmable chorus pedal not only models classics like the CE-1 and SDD-320, but creates entirely new effects including chorus for bass and acoustic guitar. New “Brilliance” and “Ambience” knobs offer unprecedented realtime control over the chorus tone — making the CE-20 a pedal no guitarist should be without.

CHORUS ENSEMBLE

CE-20

DIMENSIONAL PROCESSOR

For Guitar/Bass

■ MODE LIST

Type	Features
RICH	Chorus with unprecedented breadth.
BASS	Chorus specially tuned for bass that maintains the low end. Great for that bass or heavy guitar sound.
ACOUSTIC	Chorus tuned especially for acoustic guitar. Ripple is minimized for a natural-sounding chorus effect.
STANDARD	General chorus sound. A perfect sound suitable for any kind of instrument.
DIMENSIONAL D	Models the Roland DIMENSION D (SD-320). Provides a clear, crisp chorus sound.
CE-1	Models that venerable classic, the BOSS “CE-1” Chorus Effect.



■ CE-20 Specifications

• **Memories** 4 • **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Residual Noise Level** -93 dBu or less (IHF-A typ.) • **Power Supply** DC 9 V: Dry battery <AA type> x 6, AC Adaptor • **Current Draw** 160 mA (9 V max.) (Expected battery life under continuous use: [Carbon: 4 hours], [Alkaline: 10 hours] These figures will vary depending on the actual conditions of use.) • **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") • **Weight** 1.1 kg/2 lbs. 7 oz. (incl. batteries) • **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

The World's Most Powerful EQ Pedal

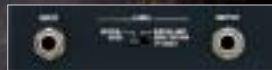
The EQ-20 Advanced EQ gives guitarists, bassists and other live performers 10 bands of programmable digital EQ with stellar sound quality. Physical sliders make instant EQ tweaks easy, and a straightforward Write function permits instant storage of EQ settings into nine memory locations.

ADVANCED EQ

EQ-20

GRAPHIC EQUALIZER

For Guitar/Bass



BOSS's Next-Generation Delay

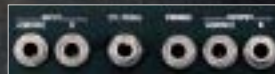
The DD-20 Giga Delay provides up to 23 seconds of delay with easy adjustment via push-button knob or tap tempo. With a choice of 11 modes — including new “Smooth” and “Twist” delays and sound-on-sound recording — this is BOSS's finest delay pedal to date.

GIGA DELAY

DD-20

DIGITAL DELAY

For Guitar/Bass



Build the Ultimate Solo Live in Real Time

Explore the expressive options of sound-on-sound performance by layering your own phrases to create a massive “one-person band” experience. Stack as many layers as you like until you fill up the 16 minutes of ample recording space. Build the ultimate solo, and do it all live in real time with hands-free, footpedal-based operation! After you've dazzled the crowd with your layered masterpiece, bring it to a proper end with one of the three Stop options — immediate stop, end-of-phrase stop, or fade it out.

LOOP STATION™

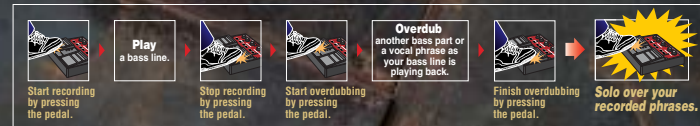
RC-20XL

PHRASE RECORDER

For Guitar/Bass



■ OPERATION EXAMPLE “SOUND ON SOUND”



■ EQ-20 Specifications

• **Memories** 9 • **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Residual Noise Level** -100 dBu or less (IHF-A typ./All Sliders max.) • **Variable Range** Equalizer Control: -15 dB, Level Control: -15 dB • **Display** Custom LCD (backlit LCD) • **Power Supply** DC 9 V: Dry battery <AA type> x 6, AC Adaptor • **Current Draw** 120 mA (9 V max.) (Expected battery life under continuous use: [Carbon: 3.5 hours], [Alkaline: 12 hours] These figures will vary depending on the actual conditions of use.) • **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") • **Weight** 1.2 kg/2 lbs. 11 oz. (incl. batteries) • **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

■ DD-20 Specifications

• **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu • **Residual Noise Level** -93 dBu or less (IHF-A typ.) • **Display** Custom LCD (backlit LCD) • **Power Supply** DC 9 V: Dry battery <AA type> x 6, AC Adaptor • **Current Draw** 200 mA (9 V max.) (Expected battery life under continuous use: [Carbon: 2 hours], [Alkaline: 7 hours] * These figures will vary depending on the actual conditions of use.) • **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") • **Weight** 1.2 kg/2 lbs. 11 oz. (incl. batteries) • **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

■ RC-20XL Specifications

• **Nominal Input Level** INST: -20 dBu (variable), MIC: -40 dBu (variable), AUX IN: -10 dBu • **Nominal Output Level** OUTPUT: -20 dBu • **Internal Memory** Recording time: 16 min. (max.), Maximum number of saved phrases: 11 phrases (max.) • **Power Supply** DC 9 V: Dry battery (AA type) x 6, AC Adaptor • **Current Draw** 120 mA (9 V max.) • **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") • **Weight** 1.2 kg/2 lbs. 11 oz. (incl. batteries) • **Accessories** Dry Battery <LR6 (AA) type> x 6, Sound Library for RC-20XL (Sample Phrase CD) • **Options** AC Adaptor (PSA Series), Footswitch (FS-5U, FS-6) * 0 dBu=0.775 Vrms



Taking Guitar Playing Further...

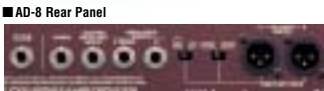
Innovation
From essential tools for acoustic guitars to the world's first modeling wah, BOSS continues to break boundaries.



AD-8 ACoustic Guitar Processor

Unlock Your Instrument's True Potential

A dream machine for acoustic guitarists who want to improve their sound, the AD-8 can enhance any piezo-equipped steel-string with the warmth and tonality of the world's finest acoustic guitars via COSM® modeling. Six guitar models are provided. The AD-8 also lets you control body resonance and overtone with the Body and String Enhance knobs, and offers automatic feedback elimination, high-quality reverb, 4-band active EQ, an onboard chromatic tuner with Mute, four preset memory locations for switching sounds instantly, and balanced XLR outputs. It's perfect for onstage performance.



AD-5 ACoustic Instrument Processor

An Acoustic Musician's Best Friend

Studio-quality acoustic-electric guitar preamp/DI box specially voiced for acoustic instruments. Includes anti-feedback controls, mic distance and body resonance simulation, plus onboard reverb and chorus.

- **AD-8 Specifications**

 - **Nominal Input Level** –20 dBu • **Input Impedance** 20 M Ω • **Nominal Output Level** –20 dBu • **Output Impedance** Unbalanced Output/Electric Guitar Amp Output: 1 k Ω , Balanced Output: 600 Ω , Phones: 33 Ω • **Recommended Load Impedance** 10 k Ω or greater • **Reference Pitch** A4 = 438 to 445 Hz (1 Hz steps) • **Tuning Accuracy** $\pm$ 3 cents • **Display** 7 segment LED • **Connectors** INPUT (1/4" Phone Type), PHONES (1/4" TRS phone type), ELECTRIC GUITAR AMP OUTPUT (1/4" Phone Type), UNBALANCED OUTPUT A (Mono), B (1/4" Phone Type), BALANCED OUTPUT A, B (XLR Type), AC Adaptor • **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA Series) • **Current Draw** 120 mA • **Dimensions** 250 (W) x 180 (D) x 60 (H) mm (9-7/8" x 7-1/8" x 2-3/8") • **Weight** 1.9 kg/4 lbs. 4 oz. (excl. AC Adaptor) • **Accessory** Dry Battery <LR6 (AA) type> x 6 • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms
- **AD-5 Specifications**

 - **AD Conversion** 21-bit + AF Method • **DA Conversion** 20-bit, 4 Times Oversampling Digital Filter • **Sampling Frequency** 44.1 kHz • **Connectors** INPUTS (PIEZO, MAGNETIC), INSERT (1/4" TRS Phone Type), OUTPUT (L/Mono, R), OUTPUT [L, R (XLR-3-32 Type)], REMOTE, AC Adaptor • **Power Supply** DC 9 V • **Dimensions** 150 (W) x 155 (D) x 65 (H) mm (5-15/16" x 6-1/8" x 2-9/16") • **Weight** 1.0 kg/2 lbs. 4 oz. (excl. AC Adaptor) • **Accessory** AC Adaptor (Roland ACI or ACB Series)
- **AD-3 Specifications**

 - **AD Conversion** 20-bit • **DA Conversion** 20-bit • **Sampling Frequency** 44.1 kHz • **Connectors** INPUT (1/4"), OUTPUT (L, R: 1/4" TRS Phone Type), AC Adaptor • **Power Supply** DC 9 V: Dry battery x 6, AC Adaptor (PSA Series) • **Current Draw** 90 mA • **Dimensions** 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") • **Weight** 1 kg/2 lbs. 4 oz. (incl. batteries) • **Accessory** Dry Battery <LR6 (AA) type> x 6 • **Option** AC Adaptor (PSA Series)



AD-3 ACoustic Instrument Processor

Floor-Based Acoustic Processing

Incorporates many of the AD-5's outstanding features — such as anti-feedback processing, reverb and chorus effects — into a rugged, floor-based unit with stompbox simplicity.



High-Quality Pedals for Guitar and Keyboards



FV-300L
Volume/Expression Pedal

The FV-300L is a sturdy, stage-ready volume pedal with a low-impedance design perfect for keyboards or for connecting after effects units.



FV-50L
Volume Pedal

The low-impedance FV-50L is designed for connection after effects units or for use with keyboards.



FV-50H
Volume Pedal

The high-impedance FV-50H is designed to be connected before guitar effect units in the signal chain.

- **PW-10 Specifications**
- **Nominal Input Level** –20 dBu • **Input Impedance** 1 M Ω • **Nominal Output Level** –20 dBu • **Output Impedance** 1 k Ω • **Recommended Load Impedance** 10 k Ω or greater • **Power Supply** DC 9 V: Dry Battery<AA type> x 6, AC Adaptor • **Current Draw** 55 mA (Expected battery life under continuous use: [Carbon: 14 hours], [Alkaline: 38 hours]; These figures will vary depending on the actual conditions of use.) • **Dimensions** 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") • **Weight** 1.3 kg/2 lbs. 14 oz. (incl. batteries) • **Accessory** Dry Battery <LR6 (AA) type> x 6 • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

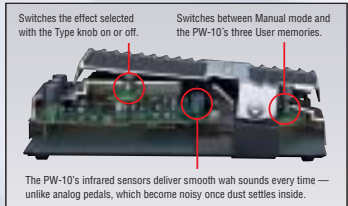
- **VT-1 Specifications**
- **Nominal Input Level** MIC: –50 dBu, LINE: –20 dBu • **Input Range** 62.5 Hz to 1 kHz (C2 to B5) • **Nominal Output Level** MIC OUT: –40 dBu, LINE OUT: –20 dBu • **Residual Noise** –100 dBu or less (INPUT: MIC) • **Connectors** INPUT, MIC OUT, LINE OUT (L, R), REMOTE, AC Adaptor • **Power Supply** DC 9 V: AC Adaptor • **Current Draw** 300 mA • **Dimensions** 178 (W) x 161.5 (D) x 52 (H) mm (7" x 6-3/8" x 2-1/16") • **Weight** 480 g/1 lbs. 10 oz. (excl. AC Adaptor) • **Accessory** AC Adaptor (ACI/ACB Series) * 0 dBu=0.775 Vrms

PW-10 Wah Pedal

The World's First Modeling Wah Pedal!

The amazing BOSS PW-10 V-Wah® is likely to be the last wah pedal you'll ever need or want. This first-of-its-kind programmable modeling wah uses COSM technology to recreate some of the most popular wah pedals in history. These include "CBY-Wah" (the classic wah sound), "VO-Wah" (the British wah sound), "MO-Wah" (a popular new-school wah sound), and "Uni-V" (a vintage swirling rotary effect).

But the PW-10 doesn't just do wah; it also creates analog synth-like sounds via its "Double Resonance" mode and cool "talking" sounds in "Voice" mode. Eight types of overdrive sounds are also included, which can be dialed in with the Drive knob. Special infrared sensors give this wah smooth and noise-free sound, while three digital memories make it easy to recall your favorite settings. To try it is to love it!



■ COSM WAH TYPE

CUSTOM	ADVANCED	VOICE	CBY-WAH
VO-WAH	MO-WAH	BLUES OD	UNI-V

■ OD/DS TYPE

METAL ZONE	MUFF FLUZZ	VINTAGE OD	GUY DIST
DISTORTION	TURBO OD	BLUES OD	BOOSTER

VT-1 VOICE TRANSFORMER

Gender-Bending Vocal Effects!

The VT-1 is a unique device designed for altering and effecting the human voice. It provides everything from voice "thickening" to a full $\pm$ 1 octave pitch shift, allowing users to convincingly change their vocal gender. Unlike conventional pitch shifters, the VT-1 affords separate control of pitch and formant, so the user's voice can be altered without the "chipmunk" effect.

Powerful, Friendly Recording for All Musicians



Groundbreaking
Forward-thinking technology —
the GS-10 is like no other effects
system, past or present.

BOSS's Most Powerful Multi Effects System

The GS-10 is not only BOSS's most powerful and innovative multi-effects processor, it's also an easy-to-use USB audio interface. Now guitar and bass players can tap into 45 COSM® amp models and unique BOSS effects, and record their performance directly to a computer.



Tabletop Access to BOSS's Most Advanced Modeling Technology

The GS-10 is driven by BOSS's most advanced COSM amp-modeling technology. These models give guitar and bass players access to a wide range of vintage and modern amps — 45 types total! Guitarists can plug into classics, such as Clean Twin, MS1959 (I), T-Amp, and JC-120; bass players can get serious with Concert 810, Session, Bass 360, T.E., and more. Whether you're looking for delay, modulation, and reverb effects or independent compression and EQ, the GS-10 can do it all and more. You'll find everything from COSM overdrive/distortion (22 types of classic distortion and overdrive pedals) and wah modeling, plus animated effects such as Harmonist, Defretter, Rotary, and Uni-V. Up to 11 effects can be used simultaneously. Editing is a breeze using the front-panel knobs or the included GS-10 Editor software. While the GS-10's COSM amp models are designed to faithfully re-create the sound of the original, they can also be fully customized. That's because COSM technology models every component of the amp — from the circuits to the speaker cabinet, and even mic types and positions. A major advantage!

■ GS-10 Specifications
• **Rated Power Output** 1.5 W + 1.5 W • **Signal Processing** A/D 24-bit AF method • **D/A** 24 bit • **Digital Out/ USB Audio** 24-bit • **Sampling Rate** 44.1 kHz • **Program Memories** 200 (PRESET: 100, USER: 100) • **Nominal Input Level** GUITAR/BASS INPUT: -10 dBu, MIC INPUT: -40 dBu (Balanced), AUX INPUT (L/R): -10 dBu • **Input Impedance** GUITAR/BASS INPUT: 1 MΩ, MIC INPUT: 2.2 kΩ, AUX INPUT (L/R): 33 kΩ • **Nominal Output Level** OUTPUT (L/R): -10 dBu, GUITAR AMP OUT: -10 dBu • **Output Impedance** OUTPUT (L/R): 1 kΩ, GUITAR AMP OUT: 1.5 kΩ • **Digital Output** EIAJ CP1201, S/PDIF • **Display** 16 characters, 2 lines (backlit LCD) • **USB AUDIO** IN/OUT (Stereo, 44.1 kHz, 24 bit), MIDI IN/OUT, MIDI Control IN/OUT • **Connectors** GUITAR/BASS INPUT Jack (1/4" phone), MIC INPUT Jack (XLR, 1/4" TRS), AUX INPUT Jack L/R (RCA pin), OUTPUT Jack L/R (RCA pin), GUITAR AMP OUT Jack (1/4" phone), PHONES Jack, EXP PEDAL/CTL (1, 2) Jack, DIGITAL OUT Connector (coaxial), USB Connector, MIDI IN/OUT, AC Adaptor Jack • **Power Supply** AC 14 V, AC Adaptor (BRC Series) • **Current Draw** 800 mA • **Dimensions** 329 (W) x 231 (D) x 85 (H) mm (13" x 9-1/8" x 3-3/8") • **Weight** 2.25 kg/5 lbs. • **Accessories** AC Adaptor (BRC Series), USB cable, GS-10 Software CD-ROM, CakeWalk Music Creator set

*0 dBu=0.775 Vrms

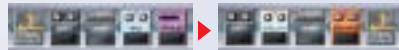


Record Direct to Your Computer via USB

Got your tone just the way you want it? Now record it to your favorite software using the GS-10's onboard USB port. Simply connect a cable and you're ready to record your playing in pristine digital quality. Audio tracks can also be processed through the GS-10 and re-recorded into your software. It's like having a hardware plug-in!



Bundled with Editing and Recording Software!



cakewalk® *Windows Compatible

Tweak Your Tone with A Click
BOSS's GS-10 Editor software gives you a sleek-looking graphic interface capable of controlling all of the onboard effects. Arranged as a series of compact pedals, the GS-10 Editor takes the mystery out of programming multi-effects by breaking it down into the individual components guitar players are used to working with. Effects can be re-routed in the signal chain by dragging and dropping the pedals.

Make Recordings on Your PC

For recording, the GS-10 includes Music Creator software from Cakewalk. Recognized as one of the easiest PC-based recording applications, Music Creator lets you focus on making music instead of complicated software. Intuitive point-and-click tools let you quickly arrange and mix your music while taking advantage of special loop-based tools and DXi soft synths. It's the perfect complement to the GS-10!

Celebrity GS-10 Patches Available Via Download!



George Lynch



Marty Friedman



Yngwie Malmsteen

Ready to inject some star power into your GS-10? BOSS has good news. Log onto www.bosscorp.co.jp, and grab custom patches from the likes of George Lynch, Yngwie Malmsteen, and Marty Friedman. And for some rippin' audio examples, log on to hear the GS-10 patches being played by Yngwie and Marty. Hendrix fans, there's a special bank of GS-10 patches waiting for you as well!

www.bosscorp.co.jp

GS-10 COSM USB

GUITAR EFFECTS SYSTEM with USB AUDIO INTERFACE



Comes with Built-in Speakers and More

The GS-10's built-in stereo speaker system provides easy monitoring whether you're recording to a computer or just jamming. Now you can make professional-quality recordings with nothing more than your guitar, the GS-10 and a laptop. Or get killer tone when rehearsing without having to lug around a practice amp. The GS-10 comes with a S/PDIF digital output, making it easy to connect to a variety of professional recording gear. An Auxiliary input allows you to connect a CD player or drum machine for practice, while an EXP/CTL jack lets you connect optional pedals and footswitches for enhanced performance capabilities.

Companion Floor-Pedal Controllers



FC-200
MIDI Foot Controller
Roland



GFC-50
Foot Controller
Roland



EV-5
Expression Pedal
Roland

MIDI Cable MSC-15(1.5m), MSC-25(2.5m), MSC-50(5m)

■ GS-10 Editor Software System Requirements
Windows • **Operating System:** Microsoft® Windows® XP Professional / XP Home / 2000 Professional / Me / 98SE / 98 • **Computer:** Windows®-compatible personal computer equipped with a USB port • **CPU/Clock:** Pentium®, Celeron®, Intel-compatible Processor / 600 MHz or Higher *Not compatible with the Crusoe CPU from Transmeta • **USB Chipset:** Intel's USB chipset is recommended *VIA USB chipsets - The CPU must be 1 GHz or higher • **Memory (RAM):** 128 MB or more • **Hard disk:** 400 MB or more of free space • **Display:** resolution/Colors: 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more • **Macintosh** • **Operating System:** MacOS 8.6 and 9.x (Editor/Librarian/USB driver), MacOS X (USB driver) *MacOS 9.0.4 or later is required when using SoundManager compatible applications • **Computer:** Apple USB Ready Macintosh • **CPU/Clock:** PowerPC G3 / 400 MHz or higher • **Memory (RAM):** 256 MB or more • **Hard disk:** 200 MB or more of free space • **Display resolution/Colors:** 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more *Requires OMS 2.3.5 or later, Or requires FreeMIDI 1.35 or later

Musician-Friendly Recording for the Masses

16-Track Recorder with Pro Features and BOSS Simplicity

The BR-1600CD isn't your average 16-track. This portable powerhouse records up to eight XLR inputs at once while adding beefed up effects and backing tracks — all with easy BOSS operation.

Mind-Blowing Modeling Effects for Guitar, Bass, and Vocals

Plug into the BR-1600CD and you have an arsenal of world-class BOSS effects at your disposal: compression on eight channels, 3-band EQ on all 16 channels, separate insert processing with powerful COSM® overdrive/distortion, amp, and microphone modeling, plus modeling effects optimized for bass and acoustic guitar, and a separate reverb and chorus/delay processor. Forget about external effects — it's all here!

■COSM AMP MODELING LIST

COSM Guitar Amp Modeling			
JC-120	STACK CRUNCH	BIG DRIVE	SLDN
JAZZ COMBO	VO DRIVE	BIG RHYTHM	DRIVE STACK
FULL RANGE	VO LEAD	MS (I)	LEAD STACK
CLEAN TWIN	VO CLEAN	MS (H)	S150 DRIVE
PRO CRUNCH	MATCH DRIVE	MS HI GAIN	METAL STACK
TWEED	MATCH LEAD	R-FIER RED	METAL LEAD
CRUNCH	FAT MATCH	R-FIER ORANGE	
BLUES	BIG LEAD	R-FIER VINTAGE	
COSM Bass Amp Modeling			
AC	AMG		

■COSM EFFECT MODELING LIST

COSM Overdrive/Distortion			
BLUES OD	AMERICAN DS	DST+	MT-2
TURBO OD	QUIV DS	60S FUZZ	R-MAN
BOOSTER	OD-1	ODT FUZZ	HEAVY METAL
DISTORTION	T-SCREAM	MUFF FUZZ	
COSM Wah			
CRY WAH	FAT WAH	Light WAH	7String WAH
VO WAH			
COSM Comp/Limiter			
BOSSComp	D-Comp	Rack160	VibRack

Friendly Power Tools for Recording

Famed ease of use with power to spare, the BOSS BR-1600CD makes recording incredibly fluid and fun. Ready for 4-step simplicity? It's as easy as grabbing a guitar, selecting an effect, arming the track, and recording. Repeat the process, or record an entire band simultaneously, and build your radio-ready mix.

Hassle-Free, Multi-Track Recording

Whether you're recording guitar and vocals or an entire band, the BR-1600CD can handle the job. When recording, you can choose from 256 V-Tracks, allowing you to lay down as many guitar solos or vocal takes as needed. Once finished, select any 16 tracks for playback — plenty of room for all your tracks and overdubs. And since it's digital, you get pristine sound quality and the benefit of non-destructive editing. So go ahead and cut, copy, and paste as you please!

Built-in CD-R/RW Drive and Mastering Effects

Burn your music on CD while taking advantage of the onboard Mastering Tool Kit with multi-band compression for tight, punchy mixes. COSM Speaker Modeling helps you create mixes that translate across any speaker system.

Platinum

Make stellar recordings with BOSS's award-winning BR-series recorders. The flagship BR-1600CD is loaded with pro features that are easy to use.

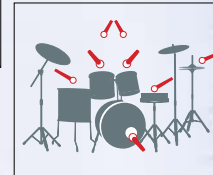
Multi-Mic Recording with Phantom Power and More

The BR-1600CD includes eight sweet-sounding XLR microphone inputs with phantom power. Use them to mic up a drum set or to record multiple vocalists simultaneously. Or how about recording your entire band? The BR-1600CD's new Multi-Track recording mode eliminates confusing concepts such as recording buses and includes powerful channel effects such as a compressor, 3-band EQ, and low-cut filter.

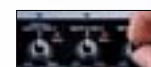


AKG C3000B
*Recommended for
COSM Mic Modeling

■Multi-mic recording example



Record up eight microphones in four easy steps!



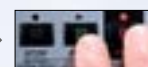
1. Connect your microphones



2. Adjust the effects



3. Push the Level Calibration button



4. Push REC and PLAY

Complete Creative Freedom with USB

The USB port makes it easy to load WAV files from your computer into a track, or export your tracks for further editing in software. It's also a great way to back up projects.



Perfect Vocals with Vocal Tool Box

Vocals tracks will never be out of tune again, thanks to the BR-1600CD's powerful Vocal Tool Box features. You can also add a variety of realistic harmony parts with the easy-to-use note/chord sequencer feature, which creates harmonies via chord input!



New Backing Tracks with Realistic Sounds

BOSS's Rhythm Track goes to the extreme. Now you get a separate Drum, Bass, and Loop Phrase track for creating complete backing arrangements. High-quality sounds and phrases are included, and you can even load in your own loops.



Combine Audio and Video with V-LINK

Want to integrate video with your music? With V-LINK and an optional Edirol video editor, it's easy to control and manipulate video using the BR-1600CD's buttons and knobs.



BR-1600CD
DIGITAL RECORDING STUDIO **COSM V-LINK USB**

■BR-1600CD Rear Panel



- 1 MIDI OUT
- 2 MIDI IN
- 3 USB
- 4 DIGITAL IN/OUT (coaxial type)
- 5 FOOT SW Jack
- 6 EXP PEDAL Jack
- 7 LINE OUT Jacks
- 8 INPUT 1-8 Jacks (unbalanced)
- 9 MIC 1-8 Jacks (XLR balanced)

■BR-1600CD Specifications

• **Tracks** Track: 16, V-Track: 256 (16 V-Tracks per primary Track) *Up to 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously. • **Maximum Useful Capacity / Recording Time** Internal Hard Disk: 40 GB / Recording Time: 120 hours (conversion in one track) *The recording times shown above are approximate. Times may vary depending on the number of songs and size of imported loop phrase that were created. The recording times shown are the total for all tracks used. Therefore, if each of the 16 tracks contain an equal amount of data, the length of the resulting song will be approximately 1/16 of the time shown. • **Signal Processing** <AD Conversion>: [24-bit, AF Method (Guitar/Bass)], [24-bit, ΔΣModulation (VOCAL)], [24-bit, ΔΣModulation (MULTI-TRACK)], [24 bit, ΔΣModulation (STEREO TRACKS)], <DA Conversion>: 24 bit, ΔΣModulation, <Internal Processing>: 24 bit (digital mixer section), <Recording Data>: 16 bit linear • **Sample Rate** 44.1 kHz • **Interface** DIGITAL IN: S/PDIF 16-24 bit (coaxial type), DIGITAL OUT: S/PDIF 16-24 bit (coaxial type), USB connector (B type) • **Display** 130 x 36 mm (Backlit LCD) • **Power Supply** DC 12 V; AC Adaptor (Roland PSB-3U) • **Power Consumption** 3 A • **Dimensions** 494 (W) x 339 (D) x 99 (H) mm (19-1/2" x 13-3/8" x 3-15/16") • **Weight** 4.9 kg/10 lbs. 13 oz. (Excluding AC Adaptor) • **Accessories** AC Adaptor: PSB-3U, DISCRETE DRUMS (CD-ROM)

* 0 dBu = 0.775 Vrms

■BR-1600CD System Requirements (USB Connection)

• **Compatible OS:** Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later • **Computer:** Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port • **Driver:** The BR-1600CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

Made with Musicians in Mind



At BOSS, we have a passion for technology, but we're also musicians. That's why our gear is designed to be simple and easy to use.

COSM® Effects for Killer Tone

From crunchy blues tones to screaming rock leads, the BR-1180CD's COSM Amp Modeling delivers — no external effects or amps needed! Of course, there are plenty of other goodies such as COSM Mic and Speaker Modeling, a Bass Simulator, and a Mastering Tool Kit for great mixdowns. Two Loop processors provide global effects such as reverb, chorus, and delay.



COSM PREAMP TYPE

GUITAR PREAMP			
JC-120	VO DRV	MS(1)	SLDN
CLEAN	BLUES	MS(2)	METAL
CRUNCH	BG LEAD	MS(1+2)	METAL D
MATCH			
BASS PREAMP			
AC		AMG	

EFFECT LIST

Acoustic Guitar Simulator	Distance	Octave
Acoustic Processor	Doubling	Phaser
Bass Simulator	Enhancer	Pitch Shifter
Bass Cut Filter	4-Band Equalizer	Preamp
Chorus	Flanger	Ring Modulator
Compressor	Foot Volume	Slow Attack
COSM Comp/Limiter	Limiter	Speaker Simulator
De-esser	Lo-Fi Box	Tremolo/Pan
Defretter	Mic Converter	Voice Transformer
Delay	Noise Suppressor	Wah

Massive 40GB Hard Drive

The BR-1180CD comes with a 40GB internal hard drive for tons of ultra-reliable recording. Now there's plenty of room to track your next hit.

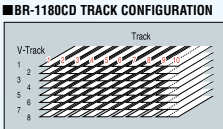
MAXIMUM USEFUL CAPACITY / RECORDING TIME

Data type	Recording time
LIN	120 hours
MT1	240 hours
MT2	320 hours
LV1	380 hours
LV2	480 hours

(conversion in 1 track, times approximate)

80-Track Digital Recording

The BR-1180CD's 10 primary tracks each contain eight "Virtual Tracks" — yielding a total of 80 recording tracks — which can be edited and combined with digital precision (just select any 10 for playback).



Easy CD Burning

With the built-in CD-R/RW drive, CD burning and project backup have never been more convenient. Want to share your music? Simply insert the Mastering Tool Kit for punchy multi-band compression, mix down to the stereo Master Track, and burn a CD — just like the pros.

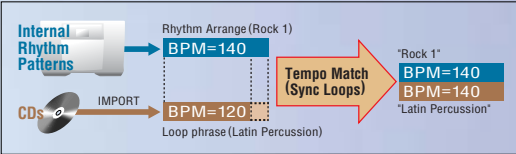
Taking Compact Digital Studios to the Next Level

The BR-1180CD Digital Recording Studio is more than a digital recorder, it's a complete music production system. You get 10 tracks of hard disk recording, 80 Virtual Tracks, onboard COSM effects, a programmable Rhythm Guide drum track, and a built-in CD-R/RW drive for burning CDs. And because it's from BOSS, you won't lose your wallet — or your patience — owning one.

Import and Export .WAV/AIFF Files

Import .WAV/AIFF files and CD tracks! A handy Timestretch function makes it easy to sync loops to the tempo of your song. Likewise, you can also export BR-1180CD tracks for easy loading into a Mac or PC.

TEMPO MATCH



Separate Rhythm Track

Need drums? Switch on the Rhythm Track! It's like having a drum machine built right into the BR-1180CD, stocked with realistic sounds and a variety of patterns for your song.

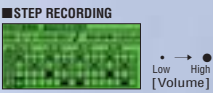


PRESET RHYTHM PATTERNS

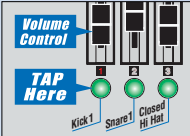
- ROCK x 6, BALLAD x 2, CRUNCH x 2, COUNTRY x 2, FUSION x 2, JAZZ x 3, POP x 8, R&B x 5, OTHER x 3
- HARD ROCK x 5, BLUES x 4, HIPHOP x 2, FUNK x 1, HOUSE x 1
- HEAVY x 5, JAZZ x 3, FUNK x 1, HOUSE x 1

*Each style has six forms (intro, verse 1, 2, fill 1, 2, Ending).

Make Your Own Beats: The Rhythm Track is fully programmable, so you can create your own rhythm patterns using realtime or step recording.



REALTIME RECORDING



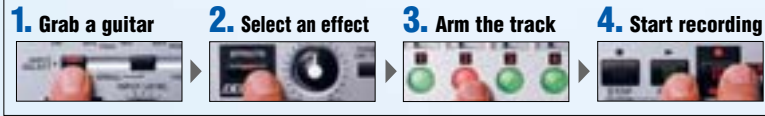
TRACK button	Drum Sound	TRACK button	Drum Sound
[1] Kick 1	[9/10] Ride Cymbal		
[2] Snare 1	[V-TRACK] + [1] Kick 2		
[3] Closed Hi Hat	[V-TRACK] + [2] Snare 2		
[4] Open Hi Hat	[V-TRACK] + [3] Claves		
[5] Low Tom	[V-TRACK] + [4] Cow Bell		
[6] Mid Tom	[V-TRACK] + [5] High Q		
[7] High Tom	[V-TRACK] + [6] Metronome (Click)		
[8] Crash Cymbal	[V-TRACK] + [7] Metronome (Bell)		

Tracks Status buttons change into drum pads!

Import Standard MIDI File Patterns: Using the BR-1180CD's onboard CD-R/RW drive, you can load Standard MIDI File (SMF) rhythm patterns on CD-ROM directly into the Rhythm Track for playback.

BR-1180CD Version 2 DIGITAL RECORDING STUDIO COSM

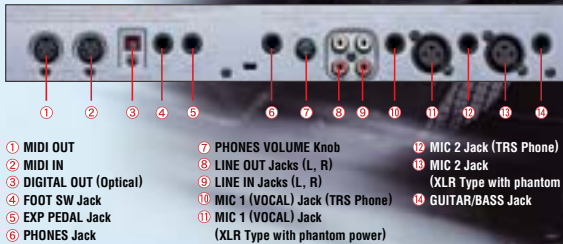
Hassle-Free Recording!



It's that easy!

BR-1180CD Specifications
• Tracks Track: 10, V-Track: 80 (8 V-Tracks per each Track) * Up to 2 tracks can be recorded simultaneously, and up to 10 tracks can be played back simultaneously. • Signal Processing <AD Conversion>: [24-bit AF Method (Guitar/Bass)], [24-bit AF-AD (Mic)], [24-bit (Line)], [24-bit (Simul)], <DA Conversion>: 24-bit, <Internal Processings>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear (data type: LIN) • Sample Rate 44.1 kHz • Effects Mixer Effects: [Loop Effects: Chorus/Delay/Doubling, Reverb], [EQ (Two-band equalizer. Independent for each track.)], Insert Effects: 17 algorithms. Speaker Modeling (Reference model are the Roland DS-90/90A and DS-50A), Mastering Effects • Rhythm/Loop Phrase Resolution: 96 TPDN, Rhythm Patterns: [Preset: 50, User*: 999, Song*: 999] *User-programmable and SMF-importable], Rhythm Arranges: [Preset: 50, User: 10, Song*: 10] *User-programmable], Loop Phrases: [User: 400, Song: 50] (.WAV/AIFF-importable) • Display 64 x 40 mm (Backlit LCD) • Power Supply DC 12 V; Supplied AC Adaptor • Power Consumption 3 A • Dimensions 460 (W) x 273 (D) x 87 (H) mm (18-1/8" x 10-3/4" x 3-7/16") • Weight 3.85 kg/8 lbs. 8 oz. (excl. AC Adaptor) • Accessories AC Adaptor: PSB-3U, Effect Patch List/Rhythm Pattern List, DISCRETE DRUMS (CD-ROM) * 0 dBu=0.775 Vrms

BR-1180CD Rear Panel



- 1 MIDI OUT
- 2 MIDI IN
- 3 DIGITAL OUT (Optical)
- 4 FOOT SW Jack
- 5 EXP PEDAL Jack
- 6 PHONES Jack
- 7 PHONES VOLUME Knob
- 8 LINE OUT Jacks (L, R)
- 9 LINE IN Jacks (L, R)
- 10 MIC 1 (VOCAL) Jack (TRS Phone)
- 11 MIC 1 (VOCAL) Jack (XLR Type with phantom power)
- 12 MIC 2 Jack (TRS Phone)
- 13 MIC 2 Jack (XLR Type with phantom power)
- 14 GUITAR/BASS Jack

Make Music Anywhere

Freedom

Thanks to its USB connectivity, onboard Rhythm Guide drum machine, and battery power, the BR-864 gives you the freedom to create music and make professional-quality recordings at home or on the road.

A Mastering House Built-In

Wanna make a CD? Try running your stereo mixdown through the BR-864's Mastering Tool Kit. This special multi-effect includes multi-band compression, parametric EQ, a limiter, enhancer, and more to give your tracks extra loudness and punch.

Open-Ended USB Interface

Thanks to USB, the BR-864 opens your recordings up to the world of computers and the Internet. With a single-cable connection, you can easily import .WAV/AIFF files or export your songs to a Mac or PC for CD-burning and data backup.

Batteries Included

The BR-864 can run on AC or battery power, which means you can now make professional-quality recordings any time, any place. BOSS even includes the batteries!

More Recording Time with CompactFlash

Record over an hour's worth of tracks using the included 128MB CompactFlash™ card. These are the same storage cards used by modern digital cameras, so they're easy to get.

BR-864 RECORDING TIME (1 track)

	32 MB	64 MB	128 MB	256 MB	1 GB
Hi-Fi (MT2)	16 min.	32 min.	65 min.	130 min.	520 min.
Standard (LV1)	19 min.	39 min.	78 min.	156 min.	624 min.
Long (LV2)	24 min.	49 min.	98 min.	196 min.	784 min.

*The recording times shown above are approximate. Times may vary depending on the number of songs created.
*Recording times shown are the total for all tracks used. Therefore, if each of the eight tracks contain an equal amount of data, the length of the resulting song will be approximately 1/8 of the time shown.

New Programmable Rhythm Guide

The new Rhythm Guide offers a variety of realistic-sounding drum patterns, plus full programmability. New sounds can be imported using the Tone Load function.

Make Your Own Beats

The Rhythm Guide is fully programmable, so you can create your own rhythm patterns using the following features.

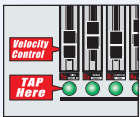
TONE LOAD

You can create new drum kits by loading your favorite drum sounds from a track, or by importing .WAV/AIFF files (up to 13 seconds of audio per drum kit).

STEP RECORDING



REALTIME RECORDING



*The Track Status buttons change into Drum pads!

8-Track Power, 4-Track Size

The BR-864 puts 8-track digital recording in BOSS's most portable package ever, without skimping on features. Inside you'll find 64 Virtual Tracks, killer COSM® effects, and the world's easiest user interface. But this affordable 8-track also has a new Rhythm Guide with programmable patterns, .WAV/AIFF compatibility, USB, and more.

Get Killer Tone with COSM

Plug into the BR-864 direct and get the tone you want with COSM Amp Modeling. Or lay down bass tracks using the Bass Simulator. The BR-864 also comes with new effects such as pedal wah*, guitar synth, and a scale-intelligent Harmonist.

*Optional expression pedal required.

COSM PREAMP TYPE

GUITAR							BASS
JC-120	CRUNCH	VO DRV	BG LEAD	MS(2)	SLDN	METAL D	AC
CLEAN	MATCH	BLUES	MS(1)	MS(1+2)	METAL		AMG

COSM COMP/LIMITER TYPE

BOSS-Cmp	D-Cmp	Rack160	VtgRack
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EFFECT LIST

Acoustic Guitar Simulator	Defretter	Guitar Synth	Preamp
Acoustic Processor	Delay	Harmonist	Ring Modulator
Bass Simulator	Doubling	Lo-Fi Box	Slow Attack
Chorus	Enhancer	Noise Suppressor	Speaker Simulator
Compressor	4-Band Equalizer	Octave	Tremolo/Pan
COSM Comp/Limiter	Flanger	Phaser	Voice Transformer
De-esser	Foot Volume	Pitch Shifter	Wah

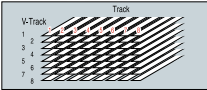
Convenient Built-in Mic

BOSS thought of everything! The BR-864's built-in microphone is perfect for times when bringing a mic and cable along isn't practical.

64 Virtual Tracks and 8-Track Playback

With 64 Virtual Tracks, there's plenty of room to "comp" the perfect vocal take or try alternate guitar solos. Then just choose any eight tracks for playback and mixdown. The BR-864 also adds new Track EQ, leaving the internal effects free for things like amp modeling and delay.

BR-864 TRACK CONFIGURATION



1. Grab a guitar

2. Select an effect

3. Arm the track

4. Start recording

BR-864 Specifications

- **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track)*Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously.
- **Useful Capacity** CompactFlash (32 MB–1 GB) • **Data Type** Hi-Fi (MT2), Standard (LV1), Long (LV2) • **Signal Processing** AD Conversion [24-bit, ΔΣ Modulation + AF-AD (Guitar/Bass), 24-bit, ΔΣ Modulation + AF-AD (Mic), 24-bit, ΔΣ Modulation (Line), 24-bit, ΔΣ Modulation (Simul)], DA Conversion [24-bit, ΔΣ Modulation], Internal Processing [24-bit (digital mixer section)] • **Sample Rate** 44.1 kHz • **Display** 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD)
- **Power Supply** DC 9 V: Supplied AC Adaptor (PSA Series), Dry battery x 6 • **Current Draw** 200 mA *Expected battery life under continuous use: [Alkaline: 5 hours] *These figures will vary depending on the actual conditions of use. • **Dimensions** 322 (W) x 225 (D) x 69 (H) mm (12-11/16" x 8-7/8" x 2-3/4")
- **Weight** 1.65 kg/3 lbs. 11 oz. (excl. batteries) • **Accessories** Dry battery (R6 (AA) type) x 6, Demo Card • **Option** AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

System Requirements (USB Connection)

- **Compatible OS:** Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later • **Computer:** Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port • **Driver:** The BR-864 uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

BR-864 8-TRACK DIGITAL STUDIO COSM USB

BR-864 Rear Panel



- 1 USB Connector

2 MIDI OUT Connector

3 FOOT SW (Foot Switch) / EXP PEDAL Jack

4 DIGITAL OUT (Optical)
- 5 LINE OUT Jacks (L, R)

6 LINE IN Jacks (L, R)

7 MIC Jack (TRS Balance Type)

8 MIC Jack (XLR Type)

9 GUITAR/BASS Jack

More Ways to Groove

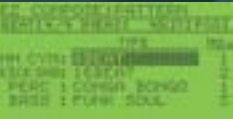
Performers
From stage to studio, BOSS drum machines, samplers, and metronomes are your rock-solid rhythmic source.



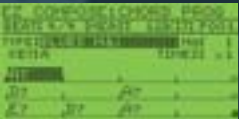
DR-880 Dr. Rhythm

The Next-Generation Rhythm Machine

The DR-880 is a rhythm-programming powerhouse that's loaded with world-class drum, percussion, and bass sounds. You can get microscopic with the DR-880 or use the EZ Compose and Groove Modify features, which allow complex patterns to be constructed without note-by-note programming hassles. Guitar and bass players can join the action by plugging directly to the DR-880's Guitar/Bass Input jack, and playing through the built-in COSM® Drive/Amp models and multi-effects.



EZ Compose: Pattern Edit
Make custom patterns automatically; easily select and combine pre-programmed phrase combinations.



EZ Compose: Chord Progression
Bass patterns can be composed quickly by selecting chord-progression templates.



Multi-Effects: Guitar Multi
Plug in a guitar or bass and jam through the onboard COSM amp models and multi-effects.

• **Max. Polyphony** 32 voices *Depending on the bass sound selected, maximum polyphony may be lower • **Instruments** Drums: 440, Bass: 40 • **Kits** Preset: 100, User: 100 • **Rhythm Patterns** User: 500, Preset: 500 • **Songs** User: 100 • **Connectors** [Rear: Output] L (Mono), R (1/4" Phone Type), L, R (Phono Type), Digital Out (coaxial), USB, [CTL] 1/2, 3/4/EXP Pedal, MIDI (In, Out), AC Adaptor, [Front] Phones (stereo 1/4" Phone Type), Guitar/Bass Input (1/4" Phone Type) • **Power Supply** AC Adaptor (BRC Series) • **Dimensions** 273 (W) x 242 (D) x 72 (H) mm (10-3/4" x 9-9/16" x 2-7/8") • **Accessories** AC Adaptor (BRC Series), DR-880 Driver CD-ROM • **Options** Footswitch (FS-5U, FS-6), Expression Pedal (EV-5)



DR-670 Dr. Rhythm

Killer Drums at an Amazing Low Price

A compact rhythm programmer with the acclaimed sounds from BOSS's higher-end models, the DR-670 raises the bar in its price class with a host of powerful features, including velocity-sensitive pads, 255 top-quality drum and percussion sounds, a bass part for programming bass lines, and more. A foot-control jack allows the DR-670 to be controlled by optional footswitch for hands-free operation.

• **Max. Polyphony** 20 voices *Depending on the instruments and drum kits used, max. polyphony may be lower. • **Instruments** Drum: 256, Bass: 16 • **Rhythm Patterns** User: 200, Preset: 200 • **Songs** Songs: 100, Song Length: Max. 250 patterns for a song., Total Patterns for all songs: approx. 3,000 • **Connectors** Output (L, R), Headphones, Footswitch, MIDI (In, Out), AC Adaptor (DC 9 V) • **Power Supply** DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series: Optional) • **Accessory** Alkaline Dry Battery <LR6 (AA) type> x 6 • **Option** AC Adaptor (PSA Series)



DR-3 Dr. Rhythm

Your Own Personal Drummer

BOSS's most affordable drum machine for jamming or practice offers realistic drum, percussion, and bass sounds. New Rhythm Progressions with variations also provide intuitive track arranging. There are 100 preset styles and 100 user styles onboard; user patterns can be programmed via realtime record or step entry. A footswitch input provides easy live control. The DR-3 runs on AC or battery power.

• **Max. Polyphony** 12 voices • **Instruments** Drum and Perc: 120, Bass: 12 • **Rhythm Patterns** User: 100, Preset: 100 *11 patterns for a rhythm pattern • **Songs** Songs: 100, Song Length: Max. 250 patterns for a song • **Connectors** Output (L, R/RCA Phono Type), L (PHONES), R (Mono) (1/4" Phone Type), Footswitch (Stereo 1/4" Phone Type), MIDI IN, AC Adaptor • **Power Supply** DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series) • **Power Consumption** 200 mA • **Accessory** Alkaline Dry Battery <LR6 (AA) type> x 6 • **Option** AC Adaptor (PSA Series)



DB-88 Dr. Beat

A Talking Metronome!

The ultimate digital metronome packed with professional features such as programmable beat and tuning memories, a loop function and human voice count.

• **Connectors** Phone x 2 (Stereo 1/4" Phone, Stereo Mini), Input, AC Adaptor • **Power Supply** DC 9 V: Dry Battery, AC Adaptor (PSA Series: Optional) • **Accessories** Soft Case, Wire Stand, Dry Battery



DB-60 Dr. Beat

More Than Just a Metronome

The DB-60 is a deluxe metronome that can lay down the click in style. Program your own beats or choose from a variety of patterns. Tap in your tempo, and clock your practice with the Stop Watch and Timer features.

• **Connectors** Phones (Stereo Mini) • **Power Supply** DC 3V: Dry Battery x 2 • **Accessories** Soft case, Dry Battery



DB-12 Dr. Beat

Don't Practice Without It!

An affordable, rock-solid metronome with helpful practice features, including 24 beat variations with six rhythm types, plus a handy stopwatch and timer.

• **Connector** Phone (Mono Mini) • **Power Supply** DC 3 V: Lithium Battery • **Accessories** Strap, Lithium Battery



SP-505 Groove Sampling Workstation SmartMedia 3.3V

A Complete Sampling Workstation

The SP-505 is BOSS's ultimate tool for composing music with samples and laying down beats! It gives you eight voices of CD-quality sampling, powerful editing tools such as Chop, Pitch and BPM Sync, built-in effects, plus a sequencer for creating grooves using samples or onboard tones.

*Requires SmartMedia adaptor or PCI adaptor card when using optional SmartMedia cards.

• **Internal Memory** Samples: 250 • **Expansion Card Memory (SmartMedia)** Samples: 256 • **Sample Rate** 44.1/22.05/11.025 kHz • **No. of Recordable Events (pad operations)** Approx. 15,000 events • **Preset Sample** 64 • **Preset Pattern** 40 (Hip-Hop x 19, House x 11, Techno x 4, Drum'n'Bass x 4, Big Beat x 2) • **Accessory** AC Adaptor (BRC Series)



SP-303 Dr. Sample SmartMedia 3.3V

Pro Sampling Made Easy

A killer sampler with CD-quality sound, 26 effects, and a pattern sequencer for building complete songs right on your tabletop. Store 64MB of additional samples and even load .WAV/AIFF files using optional SmartMedia cards*.

*Requires SmartMedia adaptor or PCI adaptor card.

• **Internal Memory** Samples: 16, Patterns: 16 • **Expansion Card Memory (SmartMedia)** [Samples: 16, Backup: 112], [Patterns: 16, Backup: 112] • **Sample Rate** 44.1/22.05/11.025 kHz • **Effects** 26 types • **Pattern Sequencer** Max. Note Strage: [Internal: Approx. 7,500 notes], [Memory Card (SmartMedia): Approx. 7,500 notes] • **Pattern Length** 1 to 99 measures • **Accessory** AC Adaptor



CM-30 CUBE MONITOR Roland

The New Multi-Purpose CUBE

Versatile and portable, the new CM-30 CUBE Monitor delivers 30 watts of audio punch through a high-quality 6.5" coaxial 2-way speaker with stereo preamp. The CM-30 is ideal for home-studio and wide-ranging monitoring applications thanks to its compact and rugged design.

• **Rated Power Output** 30 W • **Speaker** 16 cm (6.5") • Tweeter (Coaxial 2-Way) • **Connectors** Channel 1 Input (XLR type, 1/4" Phone Type), Channel 2, 3 Input L (Mono 1/4" Phone Type), Channel 2, 3 Input R (1/4" Phone Type), Aux In 1 (RCA Phono Type), Aux In 2 (Stereo miniature Phone Type), Stereo Link Out L, R (1/4" Phone Type), Stereo Link In (1/4" Phone Type), Stereo Phones (1/4" Phone Type)

Don't Forget the Accessories...



BCB-60 Pedal Board

Works with All BOSS Pedals!

The BOSS BCB-60 Pedal Board is a convenient way to set up and transport all your compact effects. The unique padded interior can be customized to fit a range of gear, while a built-in AC adaptor cranks out 1,000 mA of power — enough to run up to seven devices!



FS-6 DUAL Footswitch



FS-5U Footswitch (Unlatch)
FS-5L Footswitch (Latch)



AB-2 2-Way Selector



DI-1 Direct Box



EV-5 Expression Pedal



RH-200 Headphone



DR-20 Dynamic Microphone

AC Adaptors
• PSA Series (117/230/240 V)
• ACA Series (117/230 V)
Audio Cable
• PCS-31 (Stereo 1/4" ↔ 2 x 1/4"; 2.2 m)

MIDI Cable
• MSC Series (1.5/2.5/5.0 m)
DC Cable
• PCS-20A 8PIN Parallel DC Cable (8 x DC Plug; 1 m)

*Recommended for BR-1180CD COSM Mic Modeling.

Are You Plugged In?

GT-6/6B

ME-50/50B

Compact Pedals

TU Series

Twin Pedals

AD Series

PW-10

VT-1

BR Series

DR Series

DB Series

SP Series

Accessories

BOSS

COSM
Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.